

## **NETWORK DESIGN**

The ability to evaluate the needs of an organization and then design and implement network solutions is a valuable skill in today's connected workplace. This event provides recognition for PBL members who demonstrate an understanding of and ability to apply these skills.

### **COMPETENCIES**

The written objective test may include questions on network administration; business/ or network plan including needs analysis, design and implementation; physical vs. logical; topology; and specifications to include regularity, equipment, and facility.

### **ELIGIBILITY**

Each chapter may enter one (1) team that must be composed of two to three (2-3) members. No more than one (1) team member may have competed in this event at a prior State Leadership Conference. The team must be on record as having paid dues by **March 1** of the current school year.

### **REGULATIONS**

1. An entry form must be mailed to the state office postmarked no later than the designated deadline.
2. Participants must be selected in accordance with the regulations of the state chapter and the national association.
3. No more than one (1) team member may have entered this event at a previous State Leadership Conference.
4. Participants failing to report on time for the event may be **DISQUALIFIED**.
5. Participants must adhere to the dress code established by the Board of Directors or they will not be permitted to participate in the competitive event.

### **PROCEDURES**

1. A one-hour written objective test will be administered based on the previously listed COMPETENCIES.
2. Team members will take one objective test collaboratively.
3. Participants must furnish their own No. 2 pencils and erasers; they may use their own non-graphing calculators.

### **JUDGING**

Tests will be machine graded. Ties will be broken based on the time the test was returned.

### **AWARDS**

The first place team will receive plaques. Certificates are given to second through fifth place winners.

### **PARTICIPATION AT NATIONAL**

The first and second place teams in this event are eligible to represent the state at the National Leadership Conference. Please refer to the National PBL Chapter Handbook for guidance.